

What is claimed is:

1. A control system for controlling a continuous rubber molding apparatus comprising: a feed portion for feeding a rubber material already removed of foreign substances or particles in the previous step; an extruder for kneading the fed rubber material and feeding forward the kneaded material; and a gear pump for delivering the rubber material, fed from the extruder, to a forming nozzle, the forming nozzle continuously extruding a rubber ribbon to be used for building a tire, the control system comprising:

a pressure sensor for sensing a pressure in the gear pump;

pressure comparator for comparing a sensed pressure and a set value; and

motor controller for controlling the number of revolutions of a motor based on a comparison result given by the pressure comparator, the motor being operative to drive a screw of said extruder.

2. A control system for continuous rubber molding apparatus as claimed in Claim 1, further comprising:

a temperature sensor for sensing a temperature in the gear pump;

temperature comparator for comparing a sensed temperature with a set value; and

temperature controller for controlling the temperature in said gear pump based on a comparison result given by the

temperature comparator.

3. A control system for continuous rubber molding apparatus as claimed in Claim 1 or 2, wherein a ratio (L/D) between the length L and the outside diameter D of the screw of said extruder and is in the range of 1 to 8, as inclusive.